



EXPLORATION & PRODUCTION

TEC EXP ECP ECI

PJC HSE SI

LSO GSR

Presentations

Company Rules

January 2005



TOTAL

CIV COR ELE GEO HVA INS

MEC PLR PVV SPS STR

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TOTAL

- GS CIV 101 General earthworks
- GS CIV 102 Dredging and filling up
- GS CIV 103 Fences
- GS CIV 201 Design and construction of roads and stabilized areas
- GS CIV 202 Drainage and underground networks
- GS CIV 203 Design of harbour
- GS CIV 204 Design of airports and helicopters areas
- GS CIV 300 Reinforced and prestressed concrete
- GS CIV 301 Design of reinforced and prestressed concrete
- GS CIV 401 Minimum requirements for building design and construction
- GS CIV 402 Design and construction of oil field laboratory on production installations
- GS CIV 403 Temporary construction camps and associated facilities (onshore)
- GS CIV 404 Design and construction of offshore living quarter
- GS CIV 405 Plumbing and sanitary for onshore and offshore installations
- GS CIV 406 Thermal and acoustic insulation
- GS CIV 500 Special foundations

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- GS COR 100 Design of cathodic protection of offshore structures
- GS COR 101 Design of internal cathodic protection of equipment and storage tanks
- GS COR 102 Design of cathodic protection of sea line by sacrificial anodes
- GS COR 110 Design of external cathodic protection of buried pipelines
- GS COR 111 Cathodic protection of onshore production facilities
- GS COR 161 Internal corrosion monitoring : Design and installation
- GS COR 162 Internal corrosion control in petroleum production installations
- GS COR 163 Application of chemical treatments for corrosion control
- GS COR 170 Materials for Sour Service (Upstream Applications)
Specification for design
- GS COR 201 Supply of sacrificial anodes
- GS COR 202 Supply of measurement of cathodic protection
of an offshore structure by monitored sacrificial anodes
- GS COR 204 Supply of a device for checking cathodic protection
characteristics of a jacket
- GS COR 210 Insulating joints



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- GS COR 220 Three layer polyethylene external coating for pipelines
- GS COR 221 Three layer polypropylene external coating for pipelines
- GS COR 223 Hot Enamel pipe coating
- GS COR 225 Polyethylene and Polypropylene coatings for bends and fittings
- GS COR 226 Materials for thermal insulation of pipeline, piping and subsea components
- GS COR 230 External laminated glass fibre/resin based coating for risers of sea line
- GS COR 231 External elastomer based coating for risers of sea line
- GS COR 240 Fusion bonded epoxy based coating for conductor pipes of drilling platforms
- GS COR 250 Friction-reduction internal coatings for pipelines transporting non-corrosive gases
- GS COR 350 External protection of off-shore and coastal structures and equipment by painting



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- GS COR 351 External protection of structures and equipment by painting.
Floating structures
- GS COR 352 Internal protection of equipment by painting
- GS COR 353 Design and application of passive fire protection coatings
- GS COR 354 External protection of onshore structures and equipment
by painting
- GS COR 401 Installation of anodes on submerged pipelines
- GS COR 420 External field joint coatings of pipelines
- GS COR 450 External protection of structures and equipment by painting.
Maintenance works
- GS COR 460 Chemical cleaning of equipment and piping networks
- GS COR 501 Control of cathodic protection of submerged fixed structures
- GS COR 502 Control by electrical measurements of cathodic protection
of submerged pipelines
- GS COR 560 Physical and chemical treatment of hydrostatic test water

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- GS ELE 001 Electrical design criteria
- GS ELE 011 Electrical requirements for packaged units
- GS ELE 013 Electrical requirements for generating units
- GS ELE 031 Design of earthing and bonding systems
- GS ELE 051 Design and installation of lightning protection
- GS ELE 061 Minimum requirements for HV & LV cable sizing
- GS ELE 079 Electrical apparatus for potentially explosive gas atmospheres
- GS ELE 081 Lighting
- GS ELE 091 Minimum Contractor document requirements
- GS ELE 111 Induction motors
- DS ELE 111 Induction motor
- DS ELE 112 Small Induction Motor $P < 22$ kW
- GS ELE 113 AC generators driven by turbines
- DS ELE 113 Synchronous generator driven by turbines
- GS ELE 115 AC generators driven by diesel engines



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DS ELE 115 Synchronous generator driven by diesel engines

DS ELE 117 DC Motor

GS ELE 131 High voltage switchgear

DS ELE 131 High voltage switchgear

GS ELE 133 G.I.S. High voltage switchgear and controlgear

GS ELE 135 Low voltage switchgear assembly

DS ELE 135 Low voltage switchgear

GS ELE 137 Distribution boards

DS ELE 137 Distribution boards

GS ELE 141 Power transformers

DS ELE 141 Power transformer

DS ELE 145 Earthing transformer

GS ELE 151 DC uninterruptible power systems

DS ELE 151 DC uninterruptible power supply

GS ELE 152 AC Uninterruptible Power Systems (UPS)



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- DS ELE 152 AC Uninterruptible Power Systems
- GS ELE 161 Electrical cables
- DS ELE 161 High voltage electrical cable
- DS ELE 162 LV electrical cables
- DS ELE 191 Neutral earthing resistor
- GS ELE 211 Electrical cabin for hazardous area.
Construction and equipment
- GS ELE 213 Electrical cabin for safe area. Construction and equipment
- GS ELE 221 Power Distribution Control System PDCS
- GS ELE 251 Closed Cycle Vapour Turbogenerator (CCTV)
- GS ELE 311 Cable trays/ladders
- GS ELE 321 Navigational Aids System
- GS ELE 331 Tape trace heating
- GS ELE 364 Electrical installations
- GS ELE 374 Construction site electrical installations



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- GS GEO 101 Offshore Geotechnical Soil Survey
- GS GEO 102 Onshore geotechnical soil survey
- GS GEO 110 Requirements for Offshore Survey Vessels
- GS GEO 201 Offshore geophysical surveys
- GS GEO 202 Geophysical survey for offshore pipeline installation
- GS GEO 203 Geophysical survey for offshore pipeline inspection
- GS GEO 204 Geophysical debris survey
- GS GEO 301 Offshore surface positioning works
- GS GEO 302 Subsea positioning works
- GS GEO 304 RTK positioning for bathymetric and geophysical surveys
- GS GEO 305 Aerial photography survey
- GS GEO 306 Geodetic survey for aerotriangulation MAP processing
- GS GEO 501 Metocean survey
- GS GEO 502 Meteorological survey of land location
- GS GEO 503 Rapid evaluation of metocean conditions for basic studies



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- GS GEO 504 Comprehensive evaluation of metocean conditions
- GS GEO 505 Monitoring of Metocean Conditions for Offshore Units
- GS GEO 701 Geotechnical data and foundation design considerations for subsea production systems and pipelines
- GS GEO 702 Requirements for design and installation of skirted foundations and suction anchors
- GS GEO 703 Requirements for design and installation of drag anchors and anchor piles for offshore floating structures

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GS HVA 000	List of HVAC specifications
GS HVA 100	Basis of design
GS HVA 202	Air Handling Unit (AHU)
GS HVA 204	Anti-blast HVAC Installations
GS HVA 208	Ducts and accessories for HVAC systems
GS HVA 211	Electrical heaters
GS HVA 212	Pneumatic fire dampers
GS HVA 217	Sound attenuator
DS HVA 217	Sound attenuator - Data Sheet
GS HVA 801	Terminology, definitions, abbreviations
GS HVA 802	Documents to supply for basic Engineering and Detail Engineering
GS HVA 803	Symbols for P&ID and D&ID

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- GS INS 101 Instrumentation engineering, supply and construction general requirements
- GS INS 102 Instrumentation identification
- GS INS 104 Design of the generation of instrument air or gas
- GS INS 107 Design and installation of instrumentation links
- GS INS 108 Instrumentation for the design of plant rooms and control rooms
- GS INS 110 Instrumentation for package units
- GS INS 111 Design and supply of liquid custody transfer metering units
- GS INS 112 Design and supply of gas custody transfer metering units
- GS INS 134 Design and supply of information, control and safety system
- GS INS 137 Design and supply of on/off valve control panels
- GS INS 146 Design of generation and distribution of hydraulic energy
- GS INS 147 Design and supply of wellhead control panels
- GS INS 150 Design method for system configuration - standard functions
- GS INS 151 Digital Input - standard function - DI -



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- GS INS 152 Line monitored Digital Input - standard function - DI _LM
- GS INS 153 Analogue Input - standard function - AI -
- GS INS 154 Analogue Input Safety - standard function - AIS -
- GS INS 155 Redundant Analogue Inputs - standard function - RAI -
- GS INS 159 Digital Output - standard function - DO -
- GS INS 160 Analogue Output Command - standard function - HIC -
- GS INS 161 PID standard function
- GS INS 162 Pressure / Temperature Compensated Flow - standard function - GCF -
- GS INS 163 Total Flow - standard function - TOT -
- GS INS 165 Low Voltage Motor, high Voltage Motor - standard function - MOT -
- GS INS 167 Pump Unit - standard function - P.U.
- GS INS 169 Duty / Back-up / Stand-by - standard function - D / B / S
- GS INS 170 ON/OFF Process Valve - standard function - XV



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- GS INS 171 Hand Valve with 2 limit switches - standard function - HV
- GS INS 172 Safety Shut-Down Valve - standard function - SDV
- GS INS 173 Emergency Shut-Down Valve - standard function - ESDV
- GS INS 174 Blow-Down Valve - standard function - BDV
- GS INS 178 Safety Bar - standard function
- GS INS 180 Point Gas Detector - standard function - GD
- GS INS 181 Open Path Gas Detector - standard function - GDB
- GS INS 185 Flame Detector - standard function - RD
- GS INS 186 Heat & Smoke Detector - standard function - RDH & RDS
- GS INS 190 Deluge System - standard function - DELUGE
- GS INS 191 Fire Extinguishing System - standard function - Fire Ext.
- GS INS 195 Voting Logic - standard function - 2ooN
- GS INS 900 Instrument hook-up diagrams

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- GS MEC 101 Design and power margin
- GS MEC 144 Fire pumps
- DS MEC 144 Fire pumps sets Data Sheets
- GS MEC 212 Gas turbines for the Petroleum, Chemical and Gas Industry Services According to API Standard 616
- DS MEC 212 Gas turbine data sheet
- GS MEC 213 Fuel gas treatment units
- DS MEC 242 Gear unit data sheet
- GS MEC 251 Supply of axial and centrifugal compressors and expanders for petroleum, chemical and gas service industries according to API Standard 617
- GS MEC 261 Reciprocating compressors (comments to api 618)
- DS MEC 262 Reciprocating compressor data sheet
- GS MEC 270 Supply of mechanical seal according API 682 1st edition
- GS GR MEC 271 Centrifugal pumps - API 610 (9 th edition)



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- GS PLR 000 General Specification catalogue
- GS PLR 001 Documentation requirements
- GS PLR 002 Organisation of the design works
- GS PLR 100 Submarine pipeline systems
 - GS PLR 101 Design of submarine pipelines as per DNV 1981
 - GS PLR 102 Design of submarine pipelines as per API RP 1111 and ANSI B 31.4/31.8
 - GS PLR 103 Design of submarine pipelines as per DNV OS F101
 - GS PLR 104 Onshore pipeline systems
 - GS PLR 105 Design of submarine pipelines as per ISO 13623
 - GS PLR 106 Design of onshore pipelines as per ISO 13623
 - GS PLR 107 Design and construction of pipelines in swamp and marsh areas
 - GS PLR 109 Design, fabrication and testing of submarine unbonded flexible pipes and risers
- GS PLR 111 Submarine bundles



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- GS PLR 151 Design of steel catenary riser system
- GS PLR 160 Design, manufacturing and testing of umbilicals
- GS PLR 201 Fabrication of seamless pipes for pipelines
(sweet and mild sour service)
- GS PLR 202 Fabrication of longitudinally submerged arc welded pipes
for pipelines (sweet and mild sour service)
- GS PLR 211 Fabrication of seamless pipes for pipelines
(intermediate and severe sour service)
- GS PLR 212 Fabrication of longitudinally submerged arc welded pipes
for pipelines (intermediate and severe sour service)
- GS PLR 221 Fabrication of hot bends for pipelines
(sweet and mild sour service)
- GS PLR 222 Carbon steel flanges for pipelines
(sweet and mild sour service)
- GS PLR 223 Carbon steel tees for pipelines (sweet and mild sour service)
- GS PLR 231 Induction bends for pipelines
(intermediate and severe sour service)



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- GS PLR 232 Carbon steel flanges and branch outlet fittings for pipelines (intermediate and severe sour service)
- GS PLR 233 Carbon steel tees for pipelines (intermediate and severe sour service)
- GS PLR 401 Installation of submarine pipelines
- GS PLR 403 Installation of onshore pipelines
- GS PLR 404 Installation of steel pipeline by horizontal directional drilling
- GS PLR 405 Design and installation of hot tapings on subsea gas pipelines
- GS PLR 406 Packaging and Transportation of Line Pipes
- GS PLR 407 Load Out of Submarine Cables, Umbilical and Flexible Pipes
- GS PLR 408 Transportation of submarine cables, umbilical and flexible pipes
- GS PLR 409 Installation of submarine cables, umbilicals and flexible pipes
- GS PLR 410 Concrete coating for submarine pipelines
- GS PLR 420 Site welding of carbon steel pipelines to API 1104 (sweet and mild sour service)



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GS PLR 421 Site welding of carbon steel pipelines to API 1104
(intermediate and severe sour service)

GS PLR 430 Automated Ultrasonic Examination (AUT) of pipeline girth welds

GS PLR 501 Hydrostatic testing of pipelines

GS PLR 502 Precommissioning of submarine gas pipelines

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- GS PVV 000 General Specification catalogue
- GS PVV 001 Correspondence between Elf and Total Piping material classes
- GS PVV 101 List of piping documents to be supplied to Total
- GS PVV 107 Flexibility analysis
- GS PVV 109 Allowable loads on static equipment (flanges and nozzles)
- GS PVV 111 Piping design specification
- GS PVV 112 Piping material classes
- GS PVV 113 Block models
- GS PVV 114 Design models
- GS PVV 115 3D electronic models
- GS PVV 116 Model review check list
- GS PVV 119 Metallic piping support design
- GS PVV 142 Valves
- GS PVV 143 Metallic pipes
- GS PVV 144 Fittings



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- GS PVV 145 Flanges
- GS PVV 146 Bolting for piping
- GS PVV 147 Gaskets for piping and vessels
- GS PVV 148 Glass - Reinforced plastic. Piping materials (tubes and accessories)
- GS PVV 149 Spring hangers and supports
- GS PVV 150 Valves in cryogenic service
- GS PVV 171 Steel piping fabrication
- GS PVV 172 Hot tapping
- GS PVV 173 Pneumatic testing of above ground piping systems
- GS PVV 175 Internal cleaning of piping and vessels
- GS PVV 178 Design and erection of glass reinforced plastic (GRP) piping system
- GS PVV 201 List of pressure vessels documents to be supplied to Total
- GS PVV 202 Standard drawings for accessories and equipment of vessels



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- GS PVV 211 Design and fabrication of pressure vessels according to ASME VIII
- GS PVV 212 Design and fabrication of pressure vessels according to PD 5500
- GS PVV 312 Design and fabrication of low pressure metallic vertical storage tanks
- GS PVV 314 Design and construction of large LNG storage tanks (double walled metallic type)
- GS PVV 315 Design and construction of large LPG storage tanks
- GS PVV 402 Standards for exchanger accessories and equipment
- GS PVV 411 Shell and tube heat exchangers
- GS PVV 412 Plate heat exchanger
- GS PVV 414 Double pipe heat exchangers
- GS PVV 415 Design and fabrication of air cooler
- GS PVV 441 Procedure for shop hydraulic tests of shell and tube heat exchangers



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- GS PVV 542 Fire tube boilers
- GS PVV 611 Welding of pressure containing piping and equipment
- GS PVV 612 Piping and Equipment subject to severe sour service. Metallurgical and welding requirements
- GS PVV 613 Valves materials requirements for use in sour service
- GS PVV 614 Welding of duplex and superduplex stainless steel
- GS PVV 615 Welding of UNS 31254 alloy
- GS PVV 616 Welding of titanium pipe and fittings
- GS PVV 617 Welding of 3 1/2 % nickel steel
- GS PVV 618 Fabrication of alloy UNS 06625 grade 1 materials
- GS PVV 620 Specification for fabrication and welding of piping systems in cupronickel and associated materials
- GS PVV 622 Piping and Equipment subject to intermediate sour service. Metallurgical and welding requirements
- GS PVV 771 Thermal insulation (hot service)
- GS PVV 772 Thermal insulation (cold service)



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- GS PVV 773 Thermal insulation (cyclic service)
- GS PVV 811 Diatom earth pre-coat filters
- GS PVV 812 Skid mounted flotation units
- GS PVV 813 Skid mounted units for static equipment
- GS PVV 814 Skid mounted units for chemical products injection systems
- GS PVV 912 Piping fabrication facilities survey
- GS PVV 913 Quality assurance questionnaire for piping fabrication
- GS PVV 920 Inspection procedure for pressure vessels
- GS PVV 921 Check list for inspection of pressure vessels
- GS PVV 922 Plant survey pressure vessels and heat exchangers
- GS PVV 923 VENDOR quality assurance questionnaire.
Pressure vessels and heat exchangers
- GS PVV 924 Agenda for technical audit of pressure vessels
and heat exchangers MANUFACTURERS
- GS PVV 929 In-service inspection for HIC/SSCC checks on pressure vessels



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GS PVV 942 Shop survey - Valves

GS PVV 943 Quality assurance questionnaire - Valves

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- GS SPS 001 Design philosophy and requirements for subsea stations
- GS SPS 002 Design of subsea structures
- GS SPS 003 Foundation design considerations for subsea stations
- GS SPS 004 Subsea manifold system gate valves
- GS SPS 005 Subsea ball valves
- GS SPS 006 Service valves in subsea stations
- GS SPS 007 Tie-in systems
- GS SPS 008 Thermal insulation of subsea stations
- GS SPS 009 Corrosion protection of subsea stations
- GS SPS 010 Preservation requirements for subsea package
- GS SPS 011 Mechanical completion of subsea stations
- GS SPS 012 Documentation requirements for subsea stations
- GS SPS 013 Wellhead and guidance systems
- GS SPS 014 Drill through horizontal tree systems
- GS SPS 015 Subsea gate valves and actuators in subsea Xmas-tree systems



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- GS SPS 016 Subsea insert chokes and associated running and retrieval tools
- GS SPS 017 Workover completion systems for drill through horizontal tree
- GS SPS 019 Subsea production control system
- GS SPS 020 Subsea control unit functional requirements
- GS SPS 021 Subsea mateable electrical/optical connectors
- GS SPS 022 Environmental testing of subsea electronics
- GS SPS 023 Cleaning and Flushing of Hydraulic Systems
- GS SPS 024 Subsea mechanical quarter turn actuator (manually operated gearbox)
- GS SPS 025 Subsea hydraulic spring return quarter turn actuators

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- GS STR 001** Weight monitoring and weighing offshore units
- GS STR 002** Permanent lifting or handling devices for offshore installations
- GS STR 100** Fixed offshore steel platforms - General
- GS STR 101** Design of offshore jacket and subsea structures
- GS STR 102** Design of offshore topside structure
- GS STR 103** Design and fabrication of skids and equipment supporting structures
- GS STR 104** Design and fabrication of technical cubicles for offshore oil installations
- GS STR 105** Boat landings and bumpers
- GS STR 106** Assessment of existing fixed offshore steel platforms
- GS STR 107** Offshore Structures decommissioning
- GS STR 201** Materials for offshore steel structures
- GS STR 301** Fabrication of offshore steel structures
- GS STR 304** Fabrication of welded plate girders (W.P.G.)



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- GS STR 401 Load-out, sea-fastening, transportation and installation of offshore structures
- GS STR 402 Anchorage for support vessel on an offshore site
- GS STR 403 Acceptable criteria of a support vessel for offshore works
- GS STR 404 Marine aspects for load-out, transportation and installation of offshore structures
- GS STR 431 Installation of piles for offshore steel structures. Driven piles
- GS STR 432 Installation of piles for offshore steel structures. Drilled and grouted piles
- GS STR 481 Design and operation of remotely operated vehicle (ROV) interfaces with subsea production systems
- GS STR 485 Remote operated vehicle (ROV)
- GS STR 486 Remotely operated tool (ROT) intervention systems
- GS STR 611 Determination of the location of an offshore terminal
- GS STR 631 CALM buoy terminals
- GS STR 651 General principles for a F(P)SO design



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- GS STR 652 F(P)SO - Steel hull design requirements
- GS STR 653 F(P)SO - Hull fabrication requirements
- GS STR 655 Requirements for conversion of a tanker to a F(P)SO
- GS STR 656 Requirements for tanker documentation
- GS STR 661 FPSO - Design requirements for mooring and anchoring systems
- GS STR 901 Design rules and construction standards for ancillary structures of offshore installations

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- GS EXP 003 Requirements for final project documentation
- GS EXP 101 Precommissioning and commissioning specification
- GS EXP 103 Precommissioning and commissioning technical preparation
- GS EXP 105 Precommissioning execution
- GS EXP 107 Commissioning execution
- GS EXP 109 ICAPS management procedure
- GS EXP 201 Maintenance preparation during a project phase.
Maintainability criteria
- GS EXP 203 Maintenance preparation during a project phase. Documentation
- GS EXP 205 Maintenance preparation during project phase spare parts
- GS EXP 207 Installation description structure
- GS EXP 209 Performance indicators for maintenance & inspection reporting
- GS EXP 211 Plant integrity. Minimum inspection requirements
- GS EXP 401 Quantitative risk assessment of oil and gas installations
- GS EXP 403 Production availability studies of oil and gas systems
- GS EXP 501 Equipment and piping numbering

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GS ECP 101 Glycol package unit

GS ECP 103 Process sizing criteria

GS ECP 105 Process documents to be prepared during engineering phase

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- GS ECI 001 Reference levels for offshore platforms**
- GS ECI 002 Drawings and Symbols - Principles of Presentation at Project definition phase**
- GS ECI 003 Numbering of wells, Facilities, Equipment and Documents at Project Definition phase**

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- GS PJC 401 Health, Safety and Environment on Onshore Construction Sites**
- GS PJC 501 Requirements for CONTRACTOR Quality Management**
- GS PJC 502 Requirements for CONTRACTOR Criticality Rating of a Unit**
- GS PJC 503 Requirements for CONTRACTOR Quality Control**
- GS PJC 701 Documents Identification & Numbering at Project Execution and Field Operations Phases**
- GS PJC 702 Requirements for Electronic Documents at Project Execution and Field Operations Phases**

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SAF

ENV

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GS ENV 001 Environmental Requirements for Oil and Gas Projects Design
GS ENV 011 Environmental specification for onshore pipeline construction
GS ENV 111 Baseline study environmental status of an onshore site
GS ENV 112 Offshore Environmental Baseline Study
GS ENV 113 Environmental baseline study coastal survey
GS ENV 121 Environmental impact assessment onshore activities
GS ENV 122 Environmental impact assessment offshore activities
GS ENV 270 Deep well disposal
GS ENV 421 Landfill design and operation for E&P sites
GS ENV 500 Noise abatement in production units

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- GS SAF 021 Layout
- GS SAF 216 Area classification
- GS SAF 221 Safety rules for buildings
- GS SAF 222 Safety rules for machinery and equipment handling hydrocarbon in enclosed areas
- GS SAF 226 Completed wells safety systems and safety rules
- GS SAF 227 Safety rules for fired heaters
- GS SAF 228 Liquid drainage
- GS SAF 253 Impacted area, restricted area and fire zones
- GS SAF 260 Design of High Integrity Protection Systems (HIPS)
- GS SAF 261 Pressure protection and relief emergency shutdown and depressurisation
- GS SAF 262 Safety rules for hydrocarbon disposal systems
- GS SAF 311 Rules for the selection of fire-fighting systems
- GS SAF 312 Guidelines for selecting and installing fire and gas detection systems



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- GS SAF 321 Fire pump stations and fire water mains
- GS SAF 322 Fixed fire water systems
- GS SAF 331 Carbon dioxide fire extinguishing systems
- GS SAF 332 Alternatives to Halon in fire extinguishing systems
- GS SAF 334 Foam fire extinguishing systems
- GS SAF 337 Passive fire protection
- GS SAF 341 Location and protection of onshore hydrocarbon storage
- GS SAF 351 Escape, evacuation and rescue from fixed installations
- GS SAF 371 Emergency control facilities

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- GS TEL 110** Design and installation of a PBX
- GS TEL 120** Point to point microwave links
- GS TEL 131** Marine radio links
- GS TEL 132** Air/ground radio links
- GS TEL 140** Public adress and general alarm systems
- GS TEL 150** Design, supply and installation
of satellite telecommunication systems
- GS TEL 160** Design and installation of CCTV systems
- GS TEL 161** Design and installation of audio and video entertainment system
- GS TEL 170** Design and installation of communications network
- GS TEL 180** Engineering and installation
of telecommunication network pre-cabling
- GS TEL 410** Installation rules
- GS TEL 700** Engineering services
- GS TEL 710** Telecom equipment numbering

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Derogation (English)

Derogation (French)

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Organisation

Derogation

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General Specifications:How to use them ?

Contact list

Request form

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GS ELE 451 Third party inspection. Independent verification
of electrical facilities

GS ELE 765 Subsea cables

DS ELE 765 Subsea cable

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DS MEC 272 Centrifugal pump data sheet

GS MEC 273 Supply of centrifugal pump class II according to ISO 5199

**GS MEC 281 Lubrication, Shaft Sealing, And Control Oil Systems For
Special-Purpose Applications According to API Standard 614**

DS MEC 282 Oil system data sheet

GS MEC 290 Rotating machines packages

GS MEC 291 Air compressor package

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GS LSO 110 Environmental effects considerations for helidecks

**GS LSO 301 Floating Production Storage Units Integrity :
Methodology, Tools & Services**

GS LSO 410 Diving

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GLG

SUG

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GS GLG 301 GWD : Gas While Drilling acquisition and interpretation

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- GS SUG 121** Seismic Data Management : Standards for naming Identifiers for Seismic, Topographic and Navigation Data, Standards for naming Topo and Nav files
- GS SUG 201** Data Management of Workstation Interpretation Projects : Naming conventions
- GS SUG 202** Denomination of the horizons, faults, and other components of the studies according to the software

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